James Roark
Rieter Automotive North America, Inc.
101 West Oakley Avenue
Lowell, Indiana 46356

Re: 089-12693
Third Administrative Amendment to
Part 70 T089-6629-00013

Dear James Roark:

Rieter Automotive North America, Inc. was issued a Part 70 permit T089-6629-00013 on June 16, 1999 for a stationary automotive sound deadening products manufacturing plant. A letter requesting addition of one reverse roll coater and one laminator to the presently permitted Line 2 operation was received on September 11, 2000. As both units use non – VOC raw material, there are no criteria pollutant emissions from this equipment. Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows (the language added is shown with **bold** and deleted with ~~strikeout~~):

1. The Section A.2 Emission Units and Pollution Control Equipment Summary, lists Line 2 as item 5 on page 7 of 53 of the issued Part 70 Permit. This item is amended as follows to reflect the addition of equipment as follows:

(5) Line 2, identified as L2, constructed in the 1970s, with a maximum capacity of 3,744 pounds of saturated felt parts and trim scrap per hour, exhausting to one (1) stack (SV-1), consisting of the following equipment:

(A) One (1) asphalt saturator with maximum capacity of 15,900 square feet of damper per hour,

(B) One (1) coater #1 using flexcryl with maximum capacity of 15,900 square feet of damper per hour and 63.6 gallons of flexcryl per hour,

(C) One (1) coater #2 using fuller glue with maximum capacity of 15,900 square feet of damper per hour and 31.8 gallons of fuller glue per hour, ~~and~~

(D) One (1) 4.80 million British thermal units per hour (mmBtu/hr) natural gas fired Line 2 oil heater, installed prior to 1983, identified as FCU-10~~.~~**,**

(E) One (1) reverse roll coater with maximum capacity of 10,800 pounds of Foam per hour and hot melt of 143 pounds per hour, and

(F) One (1) EA laminator with 10,943 pounds of Foam and hot melt per hour and 154 pounds of spunbond per hour.

2. Section D.2 on page 33 of 53 is amended as follows:

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(5) Line 2, identified as L2, constructed in the 1970s, with a maximum capacity of 3,744 pounds of saturated felt parts and trim scrap per hour, exhausting to one (1) stack (SV-1), consisting of the following equipment:

(A) One (1) asphalt saturator with maximum capacity of 15,900 square feet of damper per hour,

(B) One (1) coater #1 using flexcryl with maximum capacity of 15,900 square feet of damper per hour and 63.6 gallons of flexcryl per hour,

(C) One (1) coater #2 using fuller glue with maximum capacity of 15,900 square feet of damper per hour and 31.8 gallons of fuller glue per hour,

(D) One (1) 4.80 million British thermal units per hour (mmBtu/hr) natural gas fired Line 2 oil heater, installed prior to 1983, identified as FCU-10~~-~~**,**

(E) One (1) reverse roll coater with maximum capacity of 10,800 pounds of Foam per hour and hot melt of 143 pounds per hour, and

(F) One (1) EA laminator with 10,943 pounds of Foam and hot melt per hour and 154 pounds of spunbond per hour.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following amended permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Gurinder Saini, at (800) 451-6027, press 0 and ask for Gurinder Saini or extension 3-0203, or dial (317) 233-0203.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments
GS
cc: File – Lake County
U.S. EPA, Region V
Lake County Health Department
Northwest Regional Office
Air Compliance Section Inspector – Ramesh Tejuja
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT
OFFICE OF AIR MANAGEMENT

Rieter Automotive North America, Inc.
101 West Oakley Avenue
Lowell, Indiana 46356-2206

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T089-6629-00013	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: June 16, 1999
1st Administrative Amendment 089-11497 2nd Administrative Amendment 089-12125 1st Minor Permit Modification 089-12506	Issuance Date: November 24, 1999 Issuance Date: April 14, 2000 Issuance Date: September 26, 2000
3rd Administrative Amendment 089-12693	Pages Amended: 7, 33
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

identified as FCU-15.

(4) Department 44, identified as D44, constructed in 1981, with a maximum capacity of 5,246 pounds of trimmed parts and scrap per hour, exhausting to one (1) stack (FCU-16), consisting of the following equipment:
(A) One (1) 2.5 million British thermal units per hour (mmBtu/hr) natural gas fired Line 44 Oven, identified as FCU-16, and
(B) One (1) 1.0 million British thermal units per hour (mmBtu/hr) natural gas fired Line 44 Oven, also identified as FCU-16.

(5) Line 2, identified as L2, constructed in the 1970s, with a maximum capacity of 3,744 pounds of saturated felt parts and trim scrap per hour, exhausting to one (1) stack (SV-1), consisting of the following equipment:
(A) One (1) asphalt saturator with maximum capacity of 15,900 square feet of damper per hour,
(B) One (1) coater #1 using flexcryl with maximum capacity of 15,900 square feet of damper per hour and 63.6 gallons of flexcryl per hour,
(C) One (1) coater #2 using fuller glue with maximum capacity of 15,900 square feet of damper per hour and 31.8 gallons of fuller glue per hour,
(D) One (1) 4.80 million British thermal units per hour (mmBtu/hr) natural gas fired Line 2 oil heater, installed prior to 1983, identified as FCU-10,
(E) One (1) reverse roll coater with maximum capacity of 10,800 pounds of Foam per hour and hot melt of 143 pounds per hour, and
(F) One (1) EA laminator with 10,943 pounds of Foam and hot melt per hour and 154 pounds of spunbond per hour.

(6) Lines 6 and 7, identified as L6&7, constructed in the 1960s, with a maximum capacity of 13,200 pounds of products per hour, using twelve (12) baghouses as control, exhausting to twelve (12) stacks (BH-1, BH-2, BH-3, BH-4, BH-5, BH-6, BH-7, BH-8, BH-9, BH-10, BH-11 and BH-12), consisting of the following equipment:
(A) One (1) 0.307 million British thermal units per hour natural gas fired predryer infrared oven,

(B) One (1) reverse roll coater with maximum capacity of 21,750 square feet of barrier and damper sheet (filled asphaltic sheet) per hour, Line 6

(C) One (1) bag dump station with baghouse BH-12,

(D) Nine (9) pneumatically loaded silos (#9 - #17), with a combined capacity of 46,945 pounds per hour,

(E) One (1) vacuum receiver, maximum throughput 108 pounds per hour, Line 6

(F) One (1) bag dump station, containing calcium oxide, with baghouse BH-11

(G) Two (2) reverse roll coaters, with maximum capacity of 13,050 square feet of barrier sheet (filled asphaltic sheet) per hour each, Line 7

(H) One (1) 4.80 million British thermal units per hour (mmBtu/hr) natural gas fired Lines 6 & 7 oil heater, installed prior to 1983, identified as FCU-11.

(7) Line 8, identified as L8, constructed in 1989, with a maximum capacity of 14,000 pounds of products per hour, using thirteen (13) baghouses as control, exhausting to thirteen (13) stacks (BH-13, BH-14, BH-15, BH-16, BH-17, BH-18, BH-19, BH-20, BH-21, BH-22, BH-23, BH-24 and BH-25), consisting of the following equipment:
(A) Two (2) bag dump stations:
(1) One (1) bag dump station (Bag Fill), capacity 4,000 pounds per hour,
(2) One (1) bag dump station (Calcium Oxide), capacity 108 pounds per

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(5) Line 2, identified as L2, constructed in the 1970s, with a maximum capacity of 3,744 pounds of saturated felt parts and trim scrap per hour, exhausting to one (1) stack (SV-1), consisting of the following equipment:

(A) One (1) asphalt saturator with maximum capacity of 15,900 square feet of damper per hour,

(B) One (1) coater #1 using flexcryl with maximum capacity of 15,900 square feet of damper per hour and 63.6 gallons of flexcryl per hour,

(C) One (1) coater #2 using fuller glue with maximum capacity of 15,900 square feet of damper per hour and 31.8 gallons of fuller glue per hour,

(D) One (1) 4.80 million British thermal units per hour (mmBtu/hr) natural gas fired Line 2 oil heater, installed prior to 1983, identified as FCU-10,

(E) One (1) reverse roll coater with maximum capacity of 10,800 pounds of Foam per hour and hot melt of 143 pounds per hour, and

(F) One (1) EA laminator with 10,943 pounds of Foam and hot melt per hour and 154 pounds of spunbond per hour.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Particulate Matter (PM) [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a) (Particulate Emission Limitations), the PM from Line 2 shall not exceed 0.03 grains per dry standard cubic foot. See the following table for the equivalent pound per hour emissions:

Emission Units/Stack	Flow Rate (acfm)	326 IAC 6-1-2(a) limitation (gr/dscf)	Equivalent limit in pounds per hour
Line 2 Asphalt Saturator / SV-1	2,760	0.03	0.70

D.2.2 Particulate Matter (PM) [326 IAC 6-2-2]

Pursuant to 326 IAC 6-2-2 (Emission Limitations for Facilities Specified in 326 IAC 6-2-1(a)), the particulate matter emissions from the one (1) 4.8 mmBtu/hr natural gas fired Line 2 oil heater shall be limited to 0.54 pounds particulate matter per million British thermal unit (lb/mmBtu).

This limit is based on the following equation:

$Pt = 0.87 / Q^{0.16}$

Where:

Pt = Pounds of particulate matter emitted per million Btu heat input (lb/mmBtu).

Q = Total source maximum operating capacity rating in million Btu per hour (mmBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's operation permit application, except when some lower capacity is contained in the facility's operation permit; in which case the capacity specified in the operation permit shall be used.

D.2.3 Volatile Organic Compound (VOC) [326 IAC 8-2-11]

Pursuant to 326 IAC 8-2-11 (Fabric and Vinyl Coating Operations), no owner or operator of a facility engaged in the surface coating of fabric or vinyl may cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of 2.9 pounds of VOC per gallon of coating excluding water, delivered to coating applicator when coating fabric and 4.8 pounds of VOC per gallon of coating excluding water, delivered to the coating applicator when coating vinyl.